



## **Capabilities Statement**

***Space Weather Nowcasting:*** precursor SPC is the first and only provider of near real-time, high-resolution, high-fidelity Space Weather Data Solutions and Services for space and terrestrial situational awareness and analysis. The dynamic Space Weather environment directly impacts global environmental analysis, preparedness, operations and response. Effective environmental space situational awareness demands a capability that delivers actionable information of the actual environment in real-time with high-fidelity and high-resolution, not a model of the environment. precursor SPC's ML-based Space Weather Nowcasting platform is an on-demand, real-time high fidelity analytic capability providing Space Weather nowcasting and Geodynamic environment event monitoring and forecasting services.